

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|---|--|------------------|---------|------------------|
| | | (US-20020017710-\$ or US-20030008417-\$ or US-20030183921-\$ or US-20040164418-\$).did. or (US-4652970-\$ or US-4902637-\$ or US-5055914-\$ or US-5192988-\$ or US-5229647-\$ or US-5404046-\$ or US-5637925-\$ or US-5973927-\$ or US-5682062-\$ or US-6322903-\$ or US-6486549-\$ or US-6566232-\$ or US-6664129-\$ or US-6717254-\$ or US-6753205-\$).did. | US-PGPUB; USPAT | OR | OFF | 2005/05/16 15:01 |
| S1 | 1 | ("20040251554").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/05/13 15:15 |
| S2 | 7572 | through-hole and (cu copper) | US-PGPUB; USPAT | OR | OFF | 2005/05/13 15:16 |
| S3 | 530 | through-hole and (cu copper) and passivation | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/05/13 15:17 |
| S4 | 12 | through-hole and (cu copper) and passivation and hard adj mask | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/05/13 15:32 |
| S7 | 2 | (JP-2002050738-\$).did. | JPO; DERWENT | OR | OFF | 2005/05/13 15:33 |
| S8 | 1 | ("20020017710").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/05/13 15:33 |
| S9 | 4680 | (257/758,774,776).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/05/13 16:18 |
| S10 | 277 | S9 and through-hole | US-PGPUB; USPAT | OR | OFF | 2005/05/16 11:19 |
| S11 | 223 | S10 and @pd>"19970610" | US-PGPUB; USPAT | OR | OFF | 2005/05/16 11:20 |
| S12 | 4680 | (257/758,774,776).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/05/16 11:20 |
| S13 | 343 | S12 and through-hole | US-PGPUB; USPAT | OR | ON | 2005/05/16 16:11 |
| S15 | 343 | S13 not "s10" | US-PGPUB; USPAT | OR | ON | 2005/05/16 13:46 |

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|-----|------|--|------------------------------|----|-----|------------------|
| S16 | 271 | S13 and @pd>"19970610" | US-PGPUB; USPAT | OR | ON | 2005/05/16 11:21 |
| S17 | 72 | S15 not S16 | US-PGPUB; USPAT | OR | ON | 2005/05/16 11:21 |
| S18 | 4680 | (257/758,774,776).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/05/16 13:46 |
| S19 | 277 | S18 and through-hole | US-PGPUB; USPAT | OR | OFF | 2005/05/16 13:46 |
| S20 | 4680 | (257/758,774,776).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/05/16 13:46 |
| S21 | 343 | S20 and through-hole | US-PGPUB; USPAT | OR | ON | 2005/05/16 13:46 |
| S22 | 66 | S21 not S19 | US-PGPUB; USPAT | OR | ON | 2005/05/16 13:54 |
| S23 | 83 | "4897708" | US-PGPUB; USPAT | OR | ON | 2005/05/16 13:55 |
| S24 | 19 | (US-20020017710-\$ or US-20030008417-\$ or US-20030183921-\$ or US-20040164418-\$).did. or (US-4652970-\$ or US-4902637-\$ or US-5055914-\$ or US-5192988-\$ or US-5229647-\$ or US-5404046-\$ or US-5637925-\$ or US-5973927-\$ or US-5682062-\$ or US-6322903-\$ or US-6486549-\$ or US-6566232-\$ or US-6664129-\$ or US-6717254-\$ or US-6753205-\$).did. | US-PGPUB; USPAT | OR | OFF | 2005/05/16 15:01 |
| S25 | 2 | "112961".ap. and @pd>"20020101" | US-PGPUB; USPAT | OR | OFF | 2005/05/16 15:47 |